

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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4. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

[illegible]

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01 , "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

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4. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

Emission Point/Unit	Pollutant	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)	Emission Limit or Standard and Units	Compliance Determination Method (Testing, Monitoring, etc.)
Plant -wide	Regulated Air Contami- nants*	10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information	Facility is required to submit an annual EIQ report since its potential emissions of any one pollutant listed in Table 1 of 10 CSR 10-6.020(3) exceed the de minimis levels. Facility is also required to pay emission fees per ton of pollutant.	McDonnell Douglas Corporation prepares and submits an annual Emission Inventory Questionnaire report with all appropriate emission fees to the agency.
Plant -wide	SO ₂ , CO, NO ₂ , O ₃ , PM-10	10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential	Rule identifies the agency director's role during high periods of air pollution potential. The facility is required to develop alert plans which it must implement when requested by the director (10 CSR 10-6.130 (7)-(9)).	McDonnell Douglas Corporation shall implement requests of the agency director during periods of high air pollution control potential for its stationary sources.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit.
You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

* Regulated air contaminants are listed on Table 1 of 10 CSR 10-6.260 (3).

[illegible]

MO 780-1519 (REV. April 11, 1996)

Duplicate this form as needed

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* Rule does not specify any one pollutant.

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4. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

[illegible]

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01 , “Compliance Plan/Status” if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

FORM OP - D04

Section D

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire. McDonnell Douglas' obligation to recordkeep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
BUILDING FUGITIVES						
BF-STC-03	BF-STC-03	Facility-Wide Cleaning/Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	As identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
COLD CLEANERS						
CC-STC-01	CC-STC-01	Spray Gun Cleaning Operations (Aerospace Production)	VOC/HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.744, 63.749, 63.751, 63.752 and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	As identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications, 2) operating procedures, 3) monthly recordkeeping requirements, and 4) annual operator training.	McDonnell Douglas uses cold cleaners meeting the specifications identified in Section (4) (A) of the rule; and has annual operator training and monthly record keeping systems in place.
CC-STC-01	CC-506-01	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STC-01	Same as EU: CC-STC-01
CC-STC-01	CC-506-02	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STC-01	Same as EU: CC-STC-01
CC-STC-01	CC-506-03	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STC-01	Same as EU: CC-STC-01
CC-STC-01	CC-598-01	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STC-01	Same as EU: CC-STC-01
CC-STC-01	CC-598-02	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STC-01	Same as EU: CC-STC-01
			VOC	10 CSR 10-6.060, Construction Permits Required Construction Permit #0396-014 (Issued: 2/23/96)	Construction Permit #0396-014: 1) Total VOC emissions from two (2) cold cleaners are limited to 12.2 tons in any consecutive 12 month period. 2) Record keeping requirements: records shall be kept for five (5) years. Emissions shall be calculated using material mass balance based on 100% VOC content of the solvent used. These records shall contain both monthly and 12 month totals. 3) Reporting required if the 12-month cumulative total records indicate that the source has exceeded the VOC limit. Reporting must be done no later than ten (10) days after the end of each month. 4) Cold cleaners shall comply with requirements of 10 CSR 10-5.300 (4).	McDonnell Douglas demonstrates compliance by the record keeping method specified in condition #2 and the reporting requirements specified in condition #3 of the permit.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

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Section D

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire. McDonnell Douglas' obligation to recordkeep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COLD CLEANERS						
CC-STC-01	CC-598-03	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STC-01	Same as EU: CC-STC-01
			VOC	10 CSR 10-6.060, Construction Permits Required Construction Permit #0396-014 (Issued 2/23/96)	Construction Permit #0396-014: 1) Total VOC emissions from two (2) cold cleaners are limited to 12.2 tons in any consecutive 12 month period. 2) Record keeping requirements: records shall be kept for five (5) years. Emissions shall be calculated using material mass balance based on 100% VOC content of the solvent used. These records shall contain both monthly and 12 month totals. 3) Reporting required if the 12-month cumulative total records indicate that the source has exceeded the VOC limit. Reporting must be done no later than ten (10) days after the end of each month. 4) Cold cleaners shall comply with requirements of 10 CSR 10-5.300 (4).	Same as EU: CC-598-02
CC-STC-01	CC-598-04	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STC-01	Same as EU: CC-STC-01
CC-STC-01	CC-598-05	Cold Cleaner	VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: CC-STC-01	Same as EU: CC-STC-01
COATING LINES						
CL-STC-01	SB-598-01	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	As identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	The emission of particulate matter from any one (1) hour cannot exceed the concentrations shown in Table II of the rule for the process weight rate associated with that source.	Concentrations as determined by engineering and mass balance calculations using material throughputs, spray gun transfer efficiency, and booth filter efficiency do not exceed the requirements of this rule.
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Emission limit for aerospace assembly and components: Primers: 6.0 lbs VOC/gal (less H ₂ O and exempt VOCs) Topcoats: 5.0 lbs VOC/gal (less H ₂ O and exempt VOCs)	McDonnell Douglas complies with this rule by following the appropriate record keeping requirements of Section (6).

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

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Section D

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire. McDonnell Douglas' obligation to recordkeep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINES						
CL-STC-01	SB-598-02	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	Same as EU: SB-598-01	Same as EU: SB-598-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	Same as EU: SB-598-01	Same as EU: SB-598-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-598-01	Same as EU: SB-598-01
CL-STC-01	SB-598-03	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	Same as EU: SB-598-01	Same as EU: SB-598-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	Same as EU: SB-598-01	Same as EU: SB-598-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-598-01	Same as EU: SB-598-01
CL-STC-01	SB-598-04	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	Same as EU: SB-598-01	Same as EU: SB-598-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	Same as EU: SB-598-01	Same as EU: SB-598-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-598-01	Same as EU: SB-598-01
CL-STC-01	SB-598-05	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	Same as EU: SB-598-01	Same as EU: SB-598-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	Same as EU: SB-598-01	Same as EU: SB-598-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-598-01	Same as EU: SB-598-01

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire. McDonnell Douglas' obligation to recordkeep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINES						
CL-STC-01	SB-598-06	Bench Spray Booth (Aerospace Production) (Non-Aerospace NESHAP primers/topcoats)	VOC/HAP	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in: 40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	Same as EU: SB-598-01 as applicable	This booth is currently used solely for the application of non-Aerospace NESHAP primers and topcoats. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-598-01. For future compliance, see Form OP-D05 associated with SB-598-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	Same as EU: SB-598-01	Same as EU: SB-598-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-598-01	Same as EU: SB-598-01
CL-STC-01	SB-598-07	Bench Spray Booth (Aerospace Production) (Non-Aerospace NESHAP primers/topcoats)	VOC/HAP	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in: 40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	Same as EU: SB-598-01 as applicable	This booth is currently used solely for the application of non-Aerospace NESHAP primers and topcoats. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-598-01. For future compliance, see Form OP-D05 associated with SB-598-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	Same as EU: SB-598-01	Same as EU: SB-598-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-598-01	Same as EU: SB-598-01
CL-STC-01	SB-598-08	Conformal Coating Booth (Aerospace Production)	VOC/HAP	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in: 40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	Same as EU: SB-598-01 as applicable	This booth is currently used solely for applying conformal coatings. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-598-01. For future compliance, see Form OP-D05 associated with SB-598-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	Same as EU: SB-598-01	Same as EU: SB-598-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-598-01	Same as EU: SB-598-01

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

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Section D

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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire. McDonnell Douglas' obligation to recordkeep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
COATING LINES						
CL-STC-01	MB-598-01	Mixing/Touch-Up Paint Booth (Aerospace Production) (Non-Aerospace NESHAP primers/topcoats)	VOC/HAP	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in: 40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	Same as EU: SB-598-01 as applicable	This booth is currently used solely for the application of non-Aerospace NESHAP primers and topcoats. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-598-01. For future compliance, see Form OP-D05 associated with SB-598-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	Same as EU: SB-598-01	Same as EU: SB-598-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-598-01	Same as EU: SB-598-01
CL-STC-01	SB-599-01	Paint Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Emission Standards for Hazardous Air Pollutants (Same as 40 CFR Part 63 Subpart GG)	Same as EU: SB-598-01	Same as EU: SB-598-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter From Industrial Processes	Same as EU: SB-598-01	Same as EU: SB-598-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Coating Operations	Same as EU: SB-598-01	Same as EU: SB-598-01
COMBUSTION SOURCES						
CS-STC-01	CS-STC-01A	Natural Gas Indirect Fired Combustion Equipment	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limits for "new" and "existing" sources have been determined and are shown in Table D05-2.	See Attachment A
			N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuel.
CS-598-01	CS-598-01	Natural Gas Boiler (10-100 MMBTU/hr) (Fuel oil back-up)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.18 lb/MMBtu	See Attachment A
			N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuel.
CS-598-02	CS-598-02	Natural Gas Boiler (10-100 MMBTU/hr) (Fuel oil back-up)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	Same as EU: CS-598-01	Same as EU: CS-598-01
			N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuel.
CS-STC-01	CS-598-03	Natural Gas Boiler (<10 MMBTU/hr) (Fuel oil back-up)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	Same as EU: CS-598-01	Same as EU: CS-598-01
			N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuel.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

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COMBUSTION SOURCES						
CS-STC-01	CS-598-04	Natural Gas Boiler (<10 MMBTU/hr) (Fuel oil back-up)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	Same as EU: CS-598-01	Same as EU: CS-598-01
			N A	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuel.
CS-STC-01	CS-599-01	Natural Gas Boiler (<10 MMBTU/hr) (Fuel oil back-up)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	Same as EU: CS-598-01	Same as EU: CS-598-01
			N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuel.
CS-STC-01	CS-599-02	Natural Gas Boiler (<10 MMBTU/hr) (Fuel oil back-up)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	Same as EU: CS-598-01	Same as EU: CS-598-01
			N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuel.
DEPAINTING OPERATIONS						
MC-STC-01	MC-STC-01	Facility-Wide Chemical Depainting (Aerospace Production)	HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.746, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	As identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
NONE	DP-STC-01	Facility-Wide Non-Chemical Depainting Operations (Aerospace Production)	HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.746, 63.749, 63.751, 63.752 and 63.753 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	As identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
EMERGENCY GENERATORS						
NONE	EG-STC-01	Facility-Wide Emergency Generators	Opacity	10 CSR 10-5.180, Emission of Visible Air Contaminants from Internal Combustion Engines	No visible air contaminants can be discharged from an internal combustion engine for more than 10 consecutive seconds at any one time.	Agency Inspection Records <i>Note: Facility-Wide emergency generators are insignificant sources, but are listed on this form because of the existence of this one applicable requirement (10 CSR 10-5.180).</i>
HAZARDOUS WASTE						
NONE	HW-STC-01	Facility-Wide HAP-Containing Wastes Generated from Aerospace Activities (Not Subject to RCRA)	HAP	40 CFR Part 63 Subpart GG, Aerospace NESHAP (As revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.748 and 63.749 10 CSR 10-6.075, Maximum Available Control Technology Regulations (Same as 40 CFR Part 63 Subpart GG)	As identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.

FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

FORM OP - D04

Section D

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire. McDonnell Douglas' obligation to recordkeep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
FUEL STORAGE TANKS						
ST-STC-01	ST-506-20	Gasoline Underground Storage Tank (1,000 gallons)	VOC	40 CFR Part 80.22 (j), Regulation of Fuels and Fuel Additives	After January 1, 1998 (since the facility throughput is less than 10,000 gallons per month) gasoline dispensing rate will be limited to 10 gallons per minute for cars and light trucks.	Field verification per EPA Field Dispenser Flow Rate Test Procedure.
			VOC	10 CSR 10-5.220,5(A) and (D) Control of Petroleum Liquid Storage Loading and Transfer	(5) Gasoline Transfer: Equipment Standards: Gasoline storage tanks with >500 gallons capacity must meet the requirements of Sections (5) (A) and (5)(D).	McDonnell Douglas' storage tanks with capacities >500 gallons are equipped with a submerged fill pipe and meet the specifications of Section (5)(A) 1-4. Records of each gasoline delivery ticket are kept on file and will be made available to the agency upon request.
NONE	ST-598-21	Fuel Oil #2 Underground Storage Tank (25,000 gallons)	VOC	40 CFR Part 60, Subpart Kb, 60.116(b) Volatile Organic Liquid Storage NSPS 10 CSR 10-6.070, New Source Performance Regulations	Rule sets equipment specification standards for tanks meeting certain storage capacity and vapor pressure criteria. The vapor pressure of the fuel oil no. 2 stored in this tank is less than the 15 KPa stated in the rule. Per Section 60.110b, this tank is subject only to the record keeping requirements of paragraphs (a) and (b) of Section 60.110b and is excluded from the provisions of Subpart A and the remaining sections of Subpart Kb.	Record keeping: McDonnell Douglas keeps records showing the dimensions and calculated storage capacity of this tank. Records shall be kept for the life of the tank.
VAPOR DEGREASERS						
VD-598-01	VD-598-01	Open Top Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHA Applicable Subsections of 63.460, 63.464, 63.465, 63.467 and 63.468 10 CSR 10-6.075, Maximum Available Control Technology Regulations Pollutants (Same as 40 CFR Part 63 Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjunction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 14, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHA is not until December 2, 1997 for existing sources. This degreaser shall comply by the three (3) month rolling average and the associated record keeping and reporting requirements. (See Form OP-D05 for future compliance determination methods).
			VOC	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Rule establishes: 1) equipment specifications and work practice standards for open-top degreasers and conveyorized degreasers, 2) monthly record keeping requirements and 3) annual operator training.	McDonnell Douglas uses open-top vapor degreasers that meet the equipment specifications identified in Section (4) (B) and the work practice standards identified in Section (5) (B). Annual operator training and monthly record keeping systems have been established. A list of qualified operators and operating procedures is posted on this machine.

EMISSION UNITS REPORTED ON EIQ WHICH HAVE NO OTHER APPLICABLE REQUIREMENTS

FORM OP - D04

Section D

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire. McDonnell Douglas' obligation to recordkeep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
ADHESIVE/SEALANT USAGE						
AS-STC-01	MS-598-20	Oil Based Resin Impregnator	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
AS-STC-01	OV-598-13	Electric Epoxy Curing Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
AS-STC-01	OV-598-14	Electric Adhesive/Sealant Curing Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
AS-STC-01	OV-598-15	Electric Adhesive/Sealant Curing Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
AS-STC-01	OV-598-17	Electric Bonding Curing Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
AS-STC-01	OV-598-18	Electric Bonding Curing Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
AS-STC-01	OV-598-21	Electric Resin Baking Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
BUILDING FUGITIVES						
BF-STC-02	PI-598-01	Penetrant Inspection Line	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
BF-STC-03	MS-598-13	Circuit Board Tester	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
BF-STC-03	VS-598-01	Solvent Storage	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
COATING LINES						
CL-STC-01	MB-598-02	Paint Mixing Booth (Benchscale)	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
CL-STC-01	OV-598-06	Electric Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
CL-STC-01	OV-598-08	Electric Paint Curing oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
CL-STC-01	OV-598-09	Electric Paint Curing oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
CL-STC-01	OV-598-10	Electric Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
CL-STC-01	OV-598-11	Electric Paint Curing oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
CL-STC-01	OV-598-16	Electric Coating Curing Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
CL-STC-01	OV-598-32	Electric Curing oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
COMBUSTION SOURCES						
CS-STC-01	CS-STC-01B	Natural Gas Direct Fired Combustion	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
COOLING TOWERS						
CT-STC-01	CT-598-01	Cooling Tower	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
CT-STC-01	CT-599-01	Cooling Tower	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
CT-STC-01	CT-STC-01	Facility-Wide Cooling Towers	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
COMPOSITE USAGE						
CU-STC-01	CU-STC-01	Facility-Wide Composite Usage	N.A.	No emission unit specific applicable requirements	N.A.	N.A.

EMISSION UNITS REPORTED ON EIQ WHICH HAVE NO OTHER APPLICABLE REQUIREMENTS

Section D

FORM OP - D04

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire. McDonnell Douglas' obligation to recordkeep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
MAINTENANCE COATING LINES						
MP-STC-01	SB-500-01	Spray Booth (Maintenance)	N A	No emission unit specific applicable requirements	N A.	N A.
MP-STC-01	MB-500-01	Paint Mixing Booth	N A.	No emission unit specific applicable requirements	N A.	N A.
PROCESS TANKS						
PT-598-01A	PT-598-01A1	Process Tank	N A	No emission unit specific applicable requirements	N A.	N A.
PT-598-01A	PT-598-01A2	Process Tank	N A	No emission unit specific applicable requirements	N A.	N A.
PT-598-01A	PT-598-01A3	Process Tank	N A.	No emission unit specific applicable requirements	N A.	N A.
PT-598-01A	PT-598-01A4	Process Tank	N A.	No emission unit specific applicable requirements	N A.	N A.
PT-598-01B	PT-598-01B1	Process Tank	N A.	No emission unit specific applicable requirements	N A.	N A.
PT-598-01B	PT-598-01B2	Process Tank	N A.	No emission unit specific applicable requirements	N A.	N A.

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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4. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

Emission Point/Unit	Pollutant	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)	Emission Limit or Standard and Units	Compliance Determination Method (Testing, Monitoring, etc.)
SB-598-01	VOC	10 CSR 10-6.060	Permit Limit = 77.95 tons of VOC in any	McDonnell Douglas has
through		Construction Permits	consecutive 12 month period from spray	established a monthly record-
SB-598-05,		Required	booths, coating ovens, vapor degreasers,	keeping system to track the VOC
SB-598-08,			and miscellaneous processes combined.	emissions from the sources
SB-598-09,		Construction Permit		covered by this permit.
SB-599-01,		No. 0396-022	Recordkeeping: Records shall contain	
OV-598-01		(Issued: 3/2/96)	both monthly and 12-month cumulative	
through			totals.	
OV-598-05,				
VD-598-01,			Reporting required if the 12-month	
MB-598-01,			cumulative total records indicate that the	
and			source has exceeded the VOC limit.	
Misc.			(Reporting must be done no later than	
Processes			ten (10) days after the end of each month.)	
(listed				
on the			Applicable requirements specified by the	
permit)			permit: 10 CSR 10-6.110, 10 CSR 10-6.065,	
			-5.160, -5.090, -6.060. (Installation level).	

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit.

You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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4. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

Emission Point/Unit	Pollutant	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)	Emission Limit or Standard and Units	Compliance Determination Method (Testing, Monitoring, etc.)
SB-598-01 through SB-598-05, SB-598-08, SB-598-09, SB-599-01, OV-598-01 through OV-598-05, VD-598-01, MB-598-01, and Misc. Processes (listed on the permit)	VOC	10 CSR 10-6.060 Construction Permits Required (continued from previous page) Construction Permit No. 0396-022 (Issued: 3/2/96)	Spray booths shall comply with emission limits for primers and topcoats in 10 CSR 10-5.330. Recordkeeping requirement: Record quantity and VOC content of coatings used. Vapor degreaser shall comply with requirements of 10 CSR 10-5.300.	McDonnell Douglas uses primers and topcoats compliant with VOC emission limits and recordkeeping requirements (of Section (6)) of the rule. McDonnell Douglas follows the requirements of 10 CSR 10-5.300 for this vapor degreaser by meeting the equipment specifications, conducting operator training, and record keeping.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit.
You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: 40 CFR Part 61, Applicable subsections of 61.145, 61.150, 61.152, and 61.153		
5. Compliance Demonstration Methods (Testing, Monitoring, Record keeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Reporting <input type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method N.A.	Firm	Operating Conditions	Summary of Results
Record keeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>as required by the applicable subsections of 61.145, 61.150, and 61.153</i>	Measurement Method <i>For any asbestos abatement work, McDonnell Douglas will follow the requirements of the applicable subsections of the rule including notification, registration, etc.</i>	Frequency <i>as required by regulation</i>	Record Retention <i>as required by regulation</i>	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>as required by the applicable subsections of the regulation</i>	Location Description		Pollutant(s) Being Monitored	
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>per the applicable subsections of 61.145, 61.150, and 61.153</i>	Title of Report <i>Asbestos Project Notification</i>		Submittal Frequency <i>per the applicable subsections of 61.145, 61.150, and 61.153</i>	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>40 CFR Part 70 and 10 CSR 10-6.065</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing	<input checked="" type="checkbox"/> Monitoring	<input checked="" type="checkbox"/> Applicable Requirements		
<input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Reporting	<input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method	Firm	Operating Conditions	Summary of Results
	N.A.			
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention	
<i>as required by the applicable regulations</i>	<i>as required by the applicable regulations</i>	<i>as required by the applicable regulations</i>	<i>as required by the applicable regulations</i>	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type	Location Description	Pollutant(s) Being Monitored		
<i>as required by the applicable regulations</i>				
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement	Title of Report	Submittal Frequency		
<i>Prepare and submit operating permit application for the facility.</i>	<i>Operating Permit Application</i>	<i>once every five (5) years or as required by the applicable regulation</i>		
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>40 CFR Part 82</i> <i>Applicable sections of Subpart A: 82.13</i> <i>Ozone Depleting Substance Exports</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing	<input checked="" type="checkbox"/> Monitoring	<input checked="" type="checkbox"/> Applicable Requirements		
<input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Reporting	<input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>amount and type of Class I ozone depleting substance exported, receiving country</i>		Measurement Method <i>export records</i>	Frequency <i>when Class I ozone depleting substance export occurs</i>	Record Retention <i>5 years</i>
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>record keeping as identified in the above section</i>		Location Description		Pollutant(s) Being Monitored
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>report of Class I ozone depleting substance exports, to EPA</i>		Title of Report <i>Class I ODS Export Report</i>		Submittal Frequency <i>within 45 days of the end of each "control period"</i>
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide Servicing of Motor Vehicle Air Conditioners</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>40 CFR Part 82 Applicable sections of Subpart B</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Reporting <input type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>1) operator training and certification 2) use of proper equipment</i>	Measurement Method <i>1) Records of operator training and certification will be kept on file. 2) Only equipment which is approved will be used to service motor vehicle air conditioners.</i>	Frequency <i>1) as training and certification occurs 2) N.A.</i>	Record Retention <i>5 years</i>	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>recordkeeping as identified in the above section</i>	Location Description		Pollutant(s) Being Monitored	
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>Certification statement to EPA stating that the individuals servicing motor vehicle air conditioners are properly certified and trained using approved equipment.</i>	Title of Report <i>-</i>		Submittal Frequency <i>no later than January 1, 1993 or within 30 days of new ownership</i>	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160		Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: 40 CFR Part 82 <i>Applicable sections of Subpart E</i>			
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)					
Check the Applicable Method			Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping			<input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Reporting <input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
Testing					
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.					
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results	
Recordkeeping					
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.					
Parameter (data) Being Recorded <i>1) warning statements on or accompanying final products manufactured with or containing Class I ozone depleting substances (and Class II ozone depleting substances after Jan 1, 2015 or promulgation of earlier labeling rule)</i> <i>2) labeling of containers of Class I or II ozone depleting substances</i>		Measurement Method <i>Keep a copy of the forms (containing a warning label) which accompany the delivery of completed aircraft, missiles, or subassemblies.</i>		Frequency <i>with each product delivery</i>	Record Retention <i>5 years</i>
Monitoring					
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.					
Monitoring Device Type <i>record keeping as identified in the above section</i>		Location Description			Pollutant(s) Being Monitored
Sampling Frequency		Duration of Sampling	How Data Will Be Reported		
Reporting					
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.					
Reporting Requirement <i>None</i>		Title of Report <i>-</i>		Submittal Frequency <i>N.A.</i>	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05					

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i> <i>Ozone Depleting Substance Recycling and</i> <i>Emission Reduction</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>40 CFR Part 82</i> <i>Applicable sections of Subpart F</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing	<input checked="" type="checkbox"/> Monitoring	<input checked="" type="checkbox"/> Applicable Requirements		
<input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Reporting	<input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention	
1) <i>per the requirements of 82.166</i>	1) <i>per the requirements of 82.166</i>	1) <i>per the requirements of 82.166</i>	<i>5 years</i>	
2) <i>operator training and certification</i>	2) <i>Records of operator training and certification will be kept on file.</i>	2) <i>as training and certification occur</i>		
3) <i>use of proper equipment</i>	3) <i>Only equipment which is approved will be used to service stationary refrigerant sources.</i>	3) <i>N.A.</i>		
4) <i>records of all refrigerant transfers</i>	4) <i>Records of all refrigerant transfers will be kept on file.</i>	4) <i>as transfers are made</i>		
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>record keeping as identified in the above section</i>	Location Description		Pollutant(s) Being Monitored	
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>Report to EPA any units which exceed allowable leak rates and can not be repaired within rule time frames per the requirements of 82.166.</i>	Title of Report -		Submittal Frequency <i>upon determination that unit is subject to reporting per the requirements of 82.166.</i>	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>10 CSR 10-5.070</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input type="checkbox"/> Recordkeeping		<input type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Reporting		
<input type="checkbox"/> <i>see below</i>		<input checked="" type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method	Firm	Operating Conditions	Summary of Results
	N.A.			
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention	
N.A.				
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type	Location Description	Pollutant(s) Being Monitored		
N.A.				
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement	Title of Report	Submittal Frequency		
No reporting required. If any open burning is conducted, McDonnell Douglas shall follow the restrictions and provisions of Section (3) of the rule.	-	N.A.		

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: 10 CSR 10-5.090		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing	<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Applicable Requirements		
<input checked="" type="checkbox"/> Recordkeeping	<input type="checkbox"/> Reporting	<input checked="" type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method	Firm	Operating Conditions	Summary of Results
	<i>N.A.</i>			
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention	
<i>opacity</i>	<i>visual observation or Method 9</i>	<i>see attached (Page D05F-8A)</i>	<i>5 years</i>	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type	Location Description	Pollutant(s) Being Monitored		
<i>visual observation or Method 9</i>	<i>particulate sources - see attached (Page D05F-8A)</i>	<i>opacity</i>		
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
<i>see attached (Page D05F-8A)</i>	<i>see attached (Page D05F-8A)</i>			
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement	Title of Report	Submittal Frequency		
<i>None</i>	<i>N.A.</i>	<i>N.A.</i>		
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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Form OP-D05 for 10 CSR 10-5.090 (Plant-wide)

Plant-wide opacity compliance will be determined through visual observation by McDonnell Douglas air pollution control staff. If an opacity problem is observed, a certified Method 9 Observer will be notified, and a follow-up Method 9 observation made and recorded. The visual observation will be as follows:

Boilers with fuel oil backup: Once each working day (air pollution staff) that natural gas supplies are interrupted to an affected boiler.

Emergency generators: Once each working day (air pollution staff) that electrical power is interrupted in an area served by emergency generators for a period of four hours or more (i.e., excluding equipment tests and brief outages).

Natural gas combustion units and other particulate emission sources not described above: Quarterly recorded plant-wide visual observation.

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>10 CSR 10-5.100</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Reporting		
		<input type="checkbox"/> Applicable Requirements <input checked="" type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method	Firm	Operating Conditions	Summary of Results
	<i>N.A.</i>			
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention	
<i>N.A.</i>				
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type	Location Description	Pollutant(s) Being Monitored		
<i>Agency inspection records</i>		<i>PM</i>		
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement	Title of Report	Submittal Frequency		
<i>None</i>	<i>N.A.</i>	<i>N.A.</i>		

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

FORM OP - D05

COMPLIANCE DETERMINATION METHODS

FEDERALLY ENFORCEABLE

Section D

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>10 CSR 10-5.110 (3) and (4)</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Reporting <input type="checkbox"/> Applicable Requirements <input checked="" type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention	
<i>See Attachment B following Form OP-D05 for 10 CSR 10-6.260 (Page D05S-8).</i>	<i>See Attachment B following Form OP-D05 for 10 CSR 10-6.260 (Page D05S-8).</i>	-	-	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type	Location Description		Pollutant(s) Being Monitored	
<i>See Attachment B following Form OP-D05 for 10 CSR 10-6.260 (Page D05S-8).</i>				
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement	Title of Report		Submittal Frequency	
<i>No routine reporting. Records shall be made available to the agency upon request.</i>	<i>N.A.</i>		<i>N.A.</i>	

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>10 CSR 10-5.150 (2) and (3)</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Reporting		
		<input type="checkbox"/> Applicable Requirements <input checked="" type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method	Firm	Operating Conditions	Summary of Results
	<i>N.A.</i>			
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention	
<i>See Attachment B following Form OP-D05 for 10 CSR 10-6.260 (Page D05S-8).</i>	<i>See Attachment B following Form OP-D05 for 10 CSR 10-6.260 (Page D05S-8).</i>	-	-	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type	Location Description		Pollutant(s) Being Monitored	
<i>See Attachment B following Form OP-D05 for 10 CSR 10-6.260 (Page D05S-8).</i>				
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement	Title of Report		Submittal Frequency	
<i>No routine reporting. Records shall be made available to the agency upon request.</i>	<i>N.A.</i>		<i>N.A.</i>	

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>10 CSR 10-6.110</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input checked="" type="checkbox"/> Testing	<input checked="" type="checkbox"/> Monitoring	<input checked="" type="checkbox"/> Applicable Requirements		
<input checked="" type="checkbox"/> Recordkeeping	<input checked="" type="checkbox"/> Reporting	<input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>material and fuel usage data</i>	Measurement Method <i>use of plant purchasing records/material tracking system</i>	Frequency <i>annually</i>	Record Retention <i>5 years</i>	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>record keeping as identified in the above section</i>	Location Description		Pollutant(s) Being Monitored	
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>Prepare and submit report on annual emission rates of regulated pollutants.</i>	Title of Report <i>Emissions Inventory Questionnaire</i>		Submittal Frequency <i>annually</i>	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>10 CSR 10-6.130</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method <input type="checkbox"/> Testing <input type="checkbox"/> Recordkeeping		Basis of Compliance Method <input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
<input type="checkbox"/> Monitoring <input checked="" type="checkbox"/> <i>see below</i> Reporting				
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>N.A.</i>	Measurement Method	Frequency	Record Retention	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>N.A.</i>	Location Description	Pollutant(s) Being Monitored		
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>McDonnell Douglas shall implement requests of the agency director during periods of high air pollution potential for its stationary sources.</i>	Title of Report <i>10 CSR 10-6.130 Alert Plan</i>	Submittal Frequency <i>upon notification of the director</i> <i>N.A.</i>		

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Plant-wide</i>	Emission Unit No. <i>Plant-wide</i>	Applicable Requirement: <i>10 CSR 10-6.180</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input checked="" type="checkbox"/> Testing <input type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
<input type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Reporting				
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>per the requirements of Sections (1) and (2) of the rule and at the request of the agency director</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention	
<i>N.A.</i>				
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type	Location Description	Pollutant(s) Being Monitored		
<i>N.A.</i>				
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement	Title of Report	Submittal Frequency		
<i>per the requirements of Section (1) of the rule</i>	-	<i>per the requirements of Section (1) of the rule</i>		

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>BF-STC-03</i>	Emission Unit No. <i>BF-STC-03</i>	Applicable Requirement: <i>40 CFR Part 63, Subpart GG: Applicable subsections of: 63.743, 63.744, 63.749, 63.750, 63.752, and 63.753 for Aerospace Cleaning Operations</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method <input checked="" type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		Basis of Compliance Method <input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date -	Test Method <i>composition and vapor pressure determinations: per the requirements of the applicable subsections of 63.750</i>	Firm <i>N.A.</i>	Operating Conditions <i>N.A.</i>	Summary of Results <i>N.A.</i>
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>per the requirements of the applicable subsections of 63.752 depending on the cleaning compliance option chosen</i>		Measurement Method <i>Keep record log of parameters required by 63.752 including solvent vapor pressure data, organic HAP content, MSDS, etc.</i>	Frequency <i>as required by the applicable subsections of 63.752</i>	Record Retention <i>5 years</i>
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>N.A.</i>	Location Description			Pollutant(s) Being Monitored
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>1) notification of compliance status</i> <i>2) semiannual reports including information requested by the applicable subsections of 63.753</i>		Title of Report <i>1) Notification of Compliance Status Report</i> <i>2) Semiannual Report</i>		Submittal Frequency <i>1) when source becomes subject to the rule</i> <i>2) every six (6) months from the date of the notification of compliance status</i>
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. CC-STC-01	Emission Unit No. CC-STC-01	Applicable Requirement: 40 CFR Part 63, Subpart GG: Applicable subsections of: 63.743, 63.744, 63.749, 63.751, 63.752, and 63.753 for Aerospace Spray Gun Cleaning Operations		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Reporting <input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date -	Test Method N.A.	Firm N.A.	Operating Conditions N.A.	Summary of Results N.A.
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded per the requirements of the applicable subsections of 63.752 depending on the compliance method chosen		Measurement Method as required by the applicable subsections of 63.752 for the compliance method chosen	Frequency as required by the applicable subsections of 63.752 for the compliance method chosen	Record Retention 5 years
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type per the requirements of the applicable subsections of 63.751 depending on the compliance method chosen		Location Description		Pollutant(s) Being
Sampling Frequency		Duration of Sampling	How Data Will Be Reported	
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement 1) notification of compliance status 2) semiannual reports that identify requirements of the applicable subsections of 63.753 for the compliance method chosen		Title of Report 1) Notification of Compliance Status Report 2) Semiannual Report		Submittal Frequency 1) when source becomes subject to the rule 2) every six (6) months from the date of the notification of compliance status
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. CC-STC-01	Emission Unit No. CC-506-01 through CC-506-03, and CC-598-01 through CC-598-05, CC-STC-01	Applicable Requirement: 10 CSR 10-5.300		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input type="checkbox"/> Monitoring <input type="checkbox"/> Reporting <input type="checkbox"/> Applicable Requirements <input checked="" type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method N.A.	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded	Measurement Method	Frequency	Record Retention	
1) solvent types and purchases	1) Records shall be kept of solvent types and purchases.	1) monthly	1) 5 years	
2) solvent consumptions and wastes generated	2) Records shall be kept of solvent consumptions and waste generated.	2) as they occur	2) 5 years	
3) maintenance and repair logs	3) Records shall be kept of maintenance and repair logs.	3) as they occur	3) 5 years	
4) operator training	4) Conduct and keep records of training of degreaser operators and their supervisors.	4) once per year	4) 5 years	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type record keeping as identified in the above section	Location Description		Pollutant(s) Being Monitored	
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement No routine reporting. Records available upon agency request.	Title of Report N.A.		Submittal Frequency N.A.	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>CC-STC-01</i>	Emission Unit No. <i>CC-598-02 and CC-598-03</i>		Applicable Requirement: <i>10 CSR 10-6.060, Construction Permit #0396-014</i>	
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Reporting <input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>VOC</i> <i>(monthly and 12 month totals)</i>	Measurement Method <i>emission tracking record</i>	Frequency <i>monthly</i>	Record Retention <i>5 years</i>	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>record keeping as identified in the above section</i>	Location Description		Pollutant(s) Being Monitored	
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>1) Report exceedance of the VOC limit no later than 10 days after the end of the month.</i> <i>2) Routine records shall be made available to the agency upon request.</i>	Title of Report -		Submittal Frequency <i>1) as exceedances occur</i> <i>2) N.A.</i>	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. CL-STC-01	Emission Unit No. See Table D05-1 (attached)	Applicable Requirement: 40 CFR Part 63, Subpart GG: Applicable subsections of: 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 for Aerospace Primer and Topcoat Application		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method <input checked="" type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		Basis of Compliance Method <input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
Testing Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date -	Test Method per the requirements of the applicable subsections of 63.750	Firm N.A.	Operating Conditions N.A.	Summary of Results N.A.
Recordkeeping List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded per the requirements of the applicable subsections of 63.752 depending on the compliance method chosen		Measurement Method as required by the applicable subsections of 63.752 for the compliance method chosen	Frequency as required by the applicable subsections of 63.752 for the compliance method chosen	Record Retention 5 years
Monitoring Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type per the requirements of the applicable subsections of 63.751 depending on the compliance method chosen		Location Description		Pollutant(s) Being
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement 1) notification of compliance status 2) semiannual reports that identify requirements of the applicable subsections of 63.753 for the compliance method chosen 3) annual reports per the requirements of 63.753(c)(2) when the system operates outside of the limits specified by the filter or booth manufacturer		Title of Report 1) Notification of Compliance Status Report 2) Semiannual Certification Report and Semiannual Exceedance Report (if any exceedances occur) 3) Exceedance Report		Submittal Frequency 1) when source becomes subject to the rule 2) every six (6) months from the date of the notification of compliance status 3) every twelve (12) months from the date of the notification of compliance status
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

MCDONNELL DOUGLAS CORPORATION

St. Charles, Missouri

Tract V

**Table D05-1: Spray Booths Subject to 40 CFR 63 Subpart GG
Aerospace NESHAP**

EQ Emission Point No.	Emission Unit No.	Description	Manufacturer/Model No./ Date of Manufacture	Stack No.
CL-STC-01	SB-598-01	Spray Booth (Aerospace Production)	Unknown	SB-598-01
CL-STC-01	SB-598-02	Spray Booth (Aerospace Production)	Unknown	SB-598-02
CL-STC-01	SB-598-03	Spray Booth (Aerospace Production)	Unknown	SB-598-03
CL-STC-01	SB-598-04	Spray Booth (Aerospace Production)	Unknown	SB-598-04
CL-STC-01	SB-598-05	Spray Booth (Aerospace Production)	Unknown	SB-598-05
CL-STC-01	SB-599-01	Paint Booth (Aerospace Production)	Unknown	SB-599-01

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>CL-STC-01</i>	Emission Unit No. <i>Spray Booths SB-598-01 through SB-598-08, MB-598-01, and SB-599-01</i>		Applicable Requirement: <i>10 CSR 10-5.050</i>	
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method			Basis of Compliance Method	
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping			<input type="checkbox"/> Applicable Requirements <input checked="" type="checkbox"/> Gap Filling	
<input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Reporting				
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>material throughputs and PM emission rate</i>	Measurement Method <i>engineering and mass balance calculations using material throughputs (from purchasing data), spray gun transfer efficiency, and booth filter efficiency</i>		Frequency <i>annually (hourly rate back calculated from annual emission rate)</i>	Record Retention <i>5 years</i>
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>record keeping as identified in the above section</i>	Location Description			Pollutant(s) Being Monitored
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>None</i>	Title of Report <i>N.A.</i>		Submittal Frequency <i>N.A.</i>	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>CL-STC-01</i>	Emission Unit No. <i>Spray Booths, SB-598-01 through SB-598-08, MB-598-01, and SB-599-01</i>		Applicable Requirement: <i>10 CSR 10-5.330</i>	
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Reporting <input checked="" type="checkbox"/> Applicable Requirements <input type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>As required by Section (6) of the rule</i>	Measurement Method <i>As required by Section (6) of the rule</i>		Frequency <i>As required by Section (6) of the rule</i>	Record Retention <i>5 years</i>
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>record keeping as identified in the above section</i>	Location Description			Pollutant(s) Being Monitored
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>None required. Records shall be made available upon agency request.</i>	Title of Report <i>N.A.</i>		Submittal Frequency <i>N.A.</i>	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Emission Point No. <i>Combustion Sources, See Table D05-2 (attached)</i>	Emission Unit No. <i>See Table D05-2 (attached)</i>	Applicable Requirement: <i>10 CSR 10-5.030 (2)(B)2. and (3)(B)2.</i>		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)				
Check the Applicable Method		Basis of Compliance Method		
<input type="checkbox"/> Testing <input checked="" type="checkbox"/> Recordkeeping		<input checked="" type="checkbox"/> Monitoring <input type="checkbox"/> Reporting		
		<input type="checkbox"/> Applicable Requirements <input checked="" type="checkbox"/> Gap Filling		
Testing				
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.				
Date	Test Method <i>N.A.</i>	Firm	Operating Conditions	Summary of Results
Recordkeeping				
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.				
Parameter (data) Being Recorded <i>See Attachment A</i>	Measurement Method <i>See Attachment A</i>	Frequency <i>N.A.</i>	Record Retention <i>N.A.</i>	
Monitoring				
Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.				
Monitoring Device Type <i>See Attachment A</i>	Location Description		Pollutant(s) Being Monitored	
Sampling Frequency	Duration of Sampling	How Data Will Be Reported		
Reporting				
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.				
Reporting Requirement <i>None</i>	Title of Report <i>N.A.</i>		Submittal Frequency <i>N.A.</i>	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05				

McDONNELL DOUGLAS CORPORATION
ST. LOUIS, MISSOURI
TRACT V

ATTACHMENT A

Form OP - D05 Compliance Determination Methods

10 CSR 10-5.030 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used For Indirect Heating

Emission Point Nos. (See Table D05-2)

10 CSR 10-5.030 (2)(B)2.

For "Existing" Sources (Prior to Feb. 15, 1979):

Boilers, Space Heaters, and Misc. Combustion Equipment

(NG and FO)

(The AP-42 emission factors were used as the method to demonstrate a "one-time" compliance determination with the PM emission limits developed per 10 CSR 10-5.030.)

Per 10 CSR 10-5.030 (2)(B)2., each indirect heating source has a PM emission limit determined by $E = 1.09 Q^{-0.259}$, where Q = the total heat input of all "existing" indirect heating sources at the facility. The total Q for the facility is 39 MMBtu/hr and the corresponding PM emission limit for each boiler, space heater, and other miscellaneous indirect heating source is 0.42 lb/MMBtu of heat input. This emission limit is higher than the AP-42 emission factors that would be otherwise used as a method of determining compliance with this limit. For example, for natural gas-fired boilers and space heaters (10-100 MMBtu/hr), the AP-42 emission factor is 13.7 lb/MMCF (i.e., 0.014 lb/MMBtu); and for boilers rated <10 MMBtu/hr, the AP-42 emission factor is 11.9 lb/MMCF (i.e., 0.012 lb/MMBtu). These emission factors are based on the actual stack test results of numerous natural gas-fired boilers and serve as an accurate representation of the PM emission rate. Therefore, since the emission rate limit determined for this facility is much higher than the emission rate expected from natural gas boilers and space heaters (as indicated by the AP-42 emission factor), these sources will always be in compliance with this regulation.